

Subject :

Oetiker Stepless Self-Tensioning Stainless Steel Spring Clamps

Date of Issue
12/10/2016

OETIKER Stepless® self-tensioning spring clamps are specially designed for engine cooling systems (petrol and Diesel engines), particularly in conjunction with black EPDM and silicone hoses.

The narrowness of OETIKER constant tension clamps in relation to other clamps of this type, together with a low installation torque, combine to produce a strong uniform seal with the hose. The term "stepless" refers to the absence of steps or gaps on the inner circumference of the clamp. The ingenious stepless design provides uniform compression and a 360° seal.

As a rule, coolant leaks from vehicles occur when the engine is switched off and the relevant parts cool down. Components such as hoses, hose stems, etc. shrink during this process and, up until now, clamps have not been able to respond to this contraction. This has led to permanent loss of coolant due to leakage, unnecessary damage to the environment and potential damage to the engine. OETIKER Stepless® self-tensioning spring clamps can prevent this as the design of this type of clamp enables it to adjust to the reduction in diameter described above and thus stop leaks.



PL REF	Size Range mm	Torque Nm
PL29893	18 - 24	2
PL29894	22 - 28	2
PL29895	26 - 32	2
PL29896	30 - 36	2
PL29897	34 - 40	2
PL29898	37.5 - 45	2
PL29899	42.5 - 50	2
PL29900	47.5 - 55	2
PL29901	49 - 60	2
PL29902	54 - 65	2
PL29903	59 - 70	2
PL29904	64 - 75	2
PL29905	69 - 80	2
PL29906	74 - 85	2
PL29907	79 - 90	2
PL29908	84 - 95	2

Features

- Self-tensioning spring reacts to thermal cycle diameter changes to maintain a strong uniform seal to prevent leakage
- 360° stepless design – no steps or gaps on inner circumference
- Special smooth edged band steel for less risk of damage to hose
- Reusable
- Narrow band, concentrated seal compression
- Conforms to: SAE J1508 Type SSPC, TMC RP332 Type SSPC
- Multiple diameter settings

The design of OETIKER Stepless® self-tensioning spring clamps allows multiple diameter settings, hereby considerably increasing the range of diameter related applications of a single clamp.

Material

– 178 Band steel, spacer
Retaining segments (D-nuts): Stainless steel - DIN 1.4301 or UNS S30400
Screw: Stainless steel - DIN 1.4310 or UNS S30200
Spring: 17-7PH (aircraft quality)

Size range

19.0 - 255.0 mm

Width / Thickness

9.0 x 0.6 mm

Telephone Order Line - 01274 531531

Fax Order Line : 01274 531088

email : sales@partline.co.uk

www.partline.co.uk